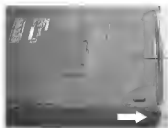


# FIELD REPLACEABLE UNIT DOCUMENTATION

## Satellite™

### 4030/4060/4070/4080/4090/4100 Series

#### BATTERY PACK REMOVAL



Battery pack

Battery release lever

- 1 Turn the computer upside down as shown
- 2 Slide the **battery release lever** in the direction of the arrow
- 3 Pull the **battery pack** slightly forward and lift it out

#### OPTIONAL PCMCIA CARD REMOVAL



PC card

Eject button

- 1 Pull out the **eject button** of the PC card to be removed
- 2 Press the **eject button** and remove the PC card

#### KEYBOARD REMOVAL



Latch



Keyboard holder

- 1 Open the display panel
- 2 Unlatch the **Keyboard holder** at the five points and remove it

#### KEYBOARD REMOVAL



Keyboard metal brace

M2x4 brass screw

- 3 Remove **one M2x4 brass screw** and lift out the **keyboard metal brace**

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### 4030/4060/4070/4080/4090/4100 Series

#### KEYBOARD REMOVAL

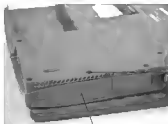


M2 5x4 black screw

Keyboard top cover  
PJ21  
Keyboard cable  
Keyboard

- 1 Lift out the **Keyboard** and lay it on the palm rest. Be careful not to apply pressure on the **keyboard cable**.
- 2 Remove **one M2 5x4 black screw** and lift out the **keyboard top cover** between the speakers.
- 3 Disconnect the **Keyboard cable** from PJ21 on the system board and remove the **Keyboard**.

#### HDD REMOVAL

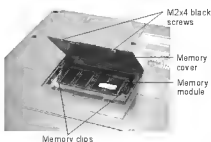


HDD slot cover

M2 5x6 black screw

- 1 Turn the computer upside down.
- 2 Remove **one M2 5x6 black screw** securing **HDD slot cover** and pull out the cover.

#### EXPANSION MEMORY REMOVAL



Memory clips

- 1 Turn the computer upside down.
- 2 Remove **two M2x4 black screws** and remove the **memory cover**.
- 3 Push the **memory clips** outward and pull the **memory module** out of the connector on a 45 degree angle.



HDD

M2 5x4 black screw

HDD bracket handle

- 3 Remove **one M2 5x4 black screw** securing the HDD.
- 4 Grasp the **HDD bracket handle** and pull to disconnect the HDD.

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### 4030/4060/4070/4080/4090/4100 Series

#### MODEM REMOVAL



Modem board

Modem cable M2x3 silver screws M2x5 brass screw

- 1 Remove **two M2x3 silver screws** and **one M2x5 brass screw** securing the modem board
- 2 Lift up the right side of the **modem board** and remove it from the system board
- 3 Disconnect the **modem cable** from PJ2 on the modem

#### TOP COVER REMOVAL

M2x14 brass screws FL cable PJ4



LCD cable

PJ3

Left speaker cable

PJ6

PJ7

Right speaker cable

M2 5x4 black screw Membrane switch cable PJ20

- 2 Turn the computer right side up and open the display panel
- 3 Remove **two M2x14 black screws** and **one M2.5x4 black screw** securing the top cover
- 4 Disconnect the following five cables:  
 LCD cable from PJ3  
 FL cable from PJ4  
 Membrane switch cable from PJ20  
 Left speaker cable from PJ6  
 Right speaker cable from PJ7

#### TOP COVER REMOVAL

M2 5x6 black screws



M2 5x20 black screws

M2 5x6 black screw

M2 5x20 black screw

M2x16 black screw

M2 5x4 black screws

- 1 Turn the computer upside down and remove the following thirteen screws:  
 - **4 M2.5x20 black screws**  
 - **3 M2.5x6 black screws** (one from HDD slot cover)  
 - **5 M2.5x4 black screws** from battery slot and back of the computer  
 - **1 M2x16 black screw**



Top cover

Volume control

Display assembly

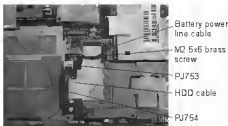
- 5 Lift up the back and left side of the top cover about 1 cm to release the left latch on the front (arrow1 and 2). Push to the right (arrow3) to clear the **volume control** from the **top cover**
- 6 Rotate the **top cover** and **display assembly** forward to release the right latch

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### 4030/4060/4070/4080/4090/4100 Series

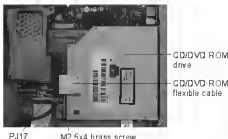
#### HDD AND BATTERY BOARD REMOVAL



HDD/battery board PJ750 Sensor cable

- 1 Remove tape securing the plastic insulator
- 2 Disconnect the following cables from the **HDD/battery board**  
HDD cable from PJ754  
Battery power line cable from PJ753  
Sensor cable from PJ750
- 3 Remove **one M2 5x6 brass screw** and plastic brace
- 4 Lift up the **HDD/battery board**

#### CD-ROM/DVD ROM DRIVE REMOVAL



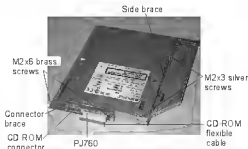
- 1 Disconnect the **CD/DVD ROM flexible cable** from PJ17 on the system board
- 2 Remove **one M2 5x4 brass screw** securing the CD/DVD ROM drive
- 3 Slide out the **CD/DVD ROM drive**

#### FDD REMOVAL



FDD

- 1 Disconnect the **FDD flexible cable** from PJ12 on the system board
- 2 Remove **one M2 5x5 hex stud** and **one M2 5x4 brass screw** securing the FDD
- 3 Remove **four M2 5x3 brass screws** securing the FDD to the FDD bracket
- 4 Disconnect the **FDD flexible cable** from the FDD



- 4 Remove **two M2x6 brass screws** securing the CD-ROM connector assembly
- 5 Separate the **CD ROM connector** and the **connector brace** from the CD ROM drive
- 6 Disconnect the **CD ROM flexible cable** from PJ760 on the CD ROM connector
- 7 Remove **two M2x3 screws** securing the **side brace**

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# FIELD REPLACEABLE UNIT DOCUMENTATION

## Satellite™

### 4030/4060/4070/4080/4090/4100 Series

#### CPU BOARD REMOVAL

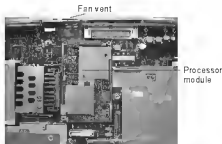


M2x14 brass screw

M2x4 brass screws  
Heat sink

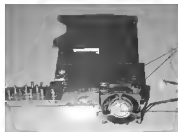
Fan cable PJ11 Tape

- 1 Remove **tape** and disconnect the **fan cable** from **PJ11** on the system board
- 2 Remove **two M2x4 screws** and **one M2x14 screw** securing the **heat sink** to the system board in the following order **3 2 1**
- 3 Lift out the **heat sink** from the front side



- 4 Grip the **processor module** from the side opposite to the **fan vent** and pull it out from **PJ1** on the system board

#### COOLING FAN REMOVAL



M2x4 flat head silver screws

Fan

- 1 Remove **two M2x4 flat head silver screws** securing the cooling fan
- 2 Take out the **cooling fan** from the heat sink

#### RTC AND BACKUP BATTERY REMOVAL



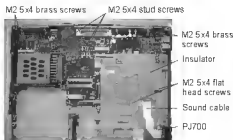
- 1 Open the **RTC and backup battery cover**
- 2 Disconnect the **RTC battery cable** from **PJ702** on the sound board
- 3 Disconnect the **backup battery cable** from **PJ701** on the sound board
- 4 Lift out the **RTC and backup battery**

# TOSHIBA

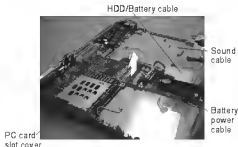
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### 4030/4060/4070/4080/4090/4100 Series

#### SYSTEM BOARD REMOVAL



- 1 Remove the **insulator** and disconnect the **sound cable** from **PJ700** on the sound board
- 2 Remove the following nine screws securing the system board and PC card slot cover
  - 3 M2.5x4 stud screws
  - 4 M2.5x4 brass screws
  - 2 M2.5x4 flat head brass screws



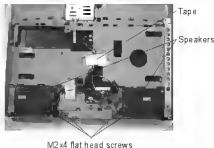
- 3 Lift out the system board at the front end and remove the **PC card slot cover**
- 4 Disconnect the following cables from the system board
  - HDD/battery cable from **PJ300**
  - Battery power cable from **PJ501**
  - Sound cable from **PJ302**

#### MEMBRANE SWITCH REMOVAL



- 1 Remove **two M2x4 brass screws** securing the membrane switch
- 2 Lift out the **membrane switch**

#### SPEAKERS REMOVAL



- 1 Remove **two M2x4 flat head screws** securing each speaker
- 2 Remove the **tape** securing the speaker cables and lift out the **speakers**

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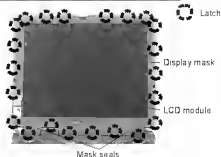
### 4030/4060/4070/4080/4090/4100 Series

#### SENSOR AND SOUND BOARD REMOVAL



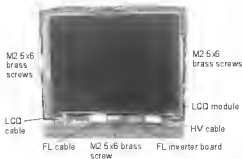
- 1 Disconnect the **sound cable** from **PJ700** on the sound board
- 2 Remove **one M2.5x4 brass screw** securing sound board
- 3 Lift out the **sound board**

#### 13.3 TFT DISPLAY MASK REMOVAL



- 1 Remove **two mask seals** at the bottom corners of the display assembly
- 2 Remove **two M2.5x6 brass screws**
- 3 There are **22 latches** securing the **display mask**. Carefully insert your fingers between the **display mask** and the **LCD module** and pry open the latches starting from the **top six latches** to the **five latches on the right and left sides** ending with the **six bottom latches**

#### FL INVERTER AND 13.3 TFT LCD REMOVAL



- 1 Remove tape and **one M2x5 brass screw** securing FL inverter board
- 2 Carefully lift up the **FL inverter board** and disconnect the **FL inverter cable** from **CN1** and the **HV cable** from **CN2**
- 3 Remove **four M2.5x6 brass screws** securing the LCD module
- 4 Carefully rotate the **LCD module** from right to left of the LCD cover
- 5 Disconnect the **LCD cable** from the LCD module and remove the LCD from the computer

# TOSHIBA

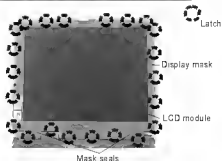
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# FIELD REPLACEABLE UNIT DOCUMENTATION

## Satellite™

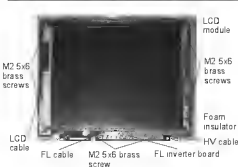
### 4030/4060/4070/4080/4090/4100 Series

#### 13.3 DSTN DISPLAY MASK REMOVAL



- 1 Remove **two mask seals** at the bottom corners of the display assembly
- 2 Remove **two M2.5x6 brass screws**
- 3 There are **22 latches** securing the **display mask**. Carefully insert your fingers between the **display mask** and the **LCD module** and pry open the latches starting from the **top six latches** to the **five latches on the right and left sides** ending with the **six bottom latches**

#### FL INVERTER AND 13.3 DSTN LCD REMOVAL



- 1 Remove **two M2.5x6 brass screw** securing FL inverter board
- 2 Carefully lift up the **FL inverter board** and disconnect the **FL inverter cable** from **CN1**. Remove the **foam insulator** on the **HV cable** and disconnect the **HV cable** from **CN2**
- 3 Remove **four M2.5x6 brass screws** securing the LCD module
- 4 Carefully rotate the **LCD module** from right to left of the LCD cover
- 5 Disconnect the **LCD cable** from the LCD module and remove the LCD from the computer

# TOSHIBA

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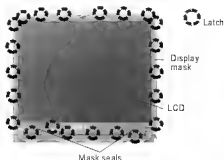


# FIELD REPLACEABLE UNIT DOCUMENTATION

## Satellite™

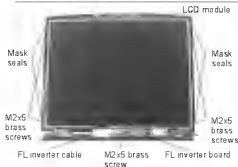
### 4030/4060/4070/4080/4090/4100 Series

#### 14.1 TFT DISPLAY MASK REMOVAL



- 1 Remove **two mask seals** at the bottom corners of the display assembly
- 2 Remove **two M2.5x6 brass screws**
- 3 There are **22 latches** securing the **display mask**. Carefully insert your fingers between the **display mask** and the **LCD module** and pry open the latches starting from the **top six latches** to the **five latches on the right and left sides** ending with the **six bottom latches**

#### FL INVERTER AND 14.1 TFT LCD REMOVAL



- 1 Remove **one M2x5 brass screw** securing FL inverter board
- 2 Carefully lift up the **FL inverter board** and disconnect the **FL inverter cable** from **CN1** and the **HV cable** from **CN2**
- 3 Remove **four mask seals** to expose four screws securing the **LCD module**
- 4 Remove **four M2x5 brass screws** securing the **LCD module**
- 5 Carefully rotate the **LCD module** from right to left of the LCD cover
- 6 Disconnect the **LCD cable** from the LCD module and remove the LCD from the computer

# TOSHIBA

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